



626,000 N

N

625,000 N

624,000 N

623,000 N

622,000 N

1570

X 1705.3

TREE

TREE LINE

BUILDING

TRAIL

PAVED ROAD

EXISTING ELEV. CONTOUR IN FEET

SPOT ELEVATION

UNPAVED ROAD

STREAM/LAKE

SURFACE WATER

KEMC PROJECT LOCATION

WATERSHED BOUNDARY

LAKE ELEVATION CONTOUR

1500

NOTES:

1. TOPOGRAPHIC AND PLANIMETRIC DATA SUPPLIED BY AERO-METRIC ENGINEERING, SHEBOYGAN, WISCONSIN. DATE OF PHOTOGRAPHY: APRIL 27, 2006.
2. CONTOUR INTERVAL BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. HORIZONTAL DATUM BASED ON NAD 83/96. HORIZONTAL COORDINATES BASED ON MICHIGAN STATE PLANE.
3. KEMC PROJECT LOCATION WITHIN SECTIONS 2 AND 11 T47N, R29W, HUMBOLDT TOWNSHIP, MARQUETTE COUNTY, MICHIGAN.
4. TOPOGRAPHIC CONTOUR INTERVAL SHOWN IS 2 FOOT.
5. BATHYMETRIC CONTOURS ARE FROM FOTH SURVEY DATED MAY 3 & 4, 2007. CONTOURS SHOWN ARE 5 FOOT INTERVAL. HTDF WATER LEVEL ELEVATION = 1537.89 FT. MSL. (MAY 31, 2007).

Elevation (ft.)

1530

1510

1490

1470

1450

1430

1410

1390

1370

1350

2x vertical exaggeration

Foth Infrastructure & Environment, LLC			
REVISED	DATE	BY	DESCRIPTION
CHECKED BY:	JSL	DATE:	AUG. '08
APPROVED BY:	SVDI	DATE:	AUG. '08
APPROVED BY:		DATE:	

Kennecott Eagle Minerals

FIGURE 3-6

HTDF BATHYMETRY

Scale: 0 250' 500'

Date: AUGUST, 2008

Prepared By: JOW

Project No. 06W003



INQUIRY #: 1682959.5
YEAR: 1939
= 500'



INQUIRY #: 1682959.5
YEAR: 1955
= 500'



- NOTES**
- 1. Historical Aerial Photos supplied by Environmental Data Resources Inc.
 - 2. Horizontal datum based on NAD 83/94.
Horizontal coordinates based on UTM Zone 16.
 - 3. Site Location - Project Site within Sections 2 and 11, T47N, R29W,
Humboldt Township, Marquette County, Michigan.



Foth Infrastructure & Environment, LLC			
REVISED	DATE	BY	DESCRIPTION
CHECKED BY:		JSL	DATE: AUG. '08
APPROVED BY:		SVD1	DATE: AUG. '08
APPROVED BY:			DATE:



FIGURE 3-7
HISTORICAL AERIAL PHOTOS

Scale: AS SHOWN	Date: AUGUST, 2008
Prepared by: BJW1	Project No: 06W003

